Volume LVII. No. 30

CAMBRIDGE, MASS., FRIDAY, SEPTEMBER 24, 1937

Complimentary

Institute Greets New Students At All Tech Smoker

Dr. Compton To Extend Official Welcome; Obie Denison To Entertain

Fathers Or Uncles Invited To

Free Tickets Offered Freshmen, Transfers In Main Lobby Registration Day

President Compton will formally relcome the incoming freshmen at the annual freshmen smoker to be held Walker Memorial on Monday eveing, September 27, at 6:30. All of the Class of '41 are expected to attend they are cordially invited to bring heir fathers and "uncles".

During the evening both light enertainment and serious speeches will (Continued on Page 6)

Frosh Smoke

£6:00

√5:00 A. M.

8:00 8:30

4:15

5:30 6:15 7:10 8:00 8:30 8:45 8:90 6:45 7:30 A 6:45 7:30 A

The Tech Triumphs

The very appearance of The Tech today makes newspaper Accompany Students As Guests history. Despite the abortive attempts of another Institute publication to deprive the student body of an opportunity to learn the important news about Technology, THE Tech appears as usual.

Only through the vigilance of its staff has The Tech been able to circumvent the various nefarious attempts to destroy it

The Tech staff members attempting to distribute copies this morning were attacked by overwhelming numbers of unwashed hoodlums, and their papers destroyed. In addition, bundles of The Tech were stolen from The Tech office. Immediately thereafter, copies of an obviously spurious edition of The Tech were distribthis, their first united gathering, and uted. The pages of these fakes were smeared with libelous stories. all of them marred by ill-founded attempts at humor. Although a of Voo Doo, who will discuss adverfew gullible students may have been deceived, this triumphant issue of The Tech clears the atmosphere by presenting the real news of the day.

Gridiron Sponsors Banquet Saturday

Get-Together Dinner Precedes Publications' Official Rushing Season

To introduce Technology's publications to literary-minded freshmen, Gridiron, honorary publications society, will sponsor a get-together banquet next Saturday at 6 p. m. in the Compton, Lobdell, Pitre, North Hall of Walker Memorial.

Guest speakers of the evening will be Dean Harold E. Lobdell, James R. Killain, editor of the Technology Review, alumni magazine, and Professor Frederick G. Fassett, Jr., of the Department of English and His-

Speaking for the different publications will be Harry B. Hollander, '38 The Tech, who will discuss editorials; (Continued on Page 6)

Gridiron

FRESHMAN CAMP SCHEDULE

Friday

Assembly at Walker Memorial to leave for camp. 2:30 P. M. Swim.

> Supper. History of Camp Massapoag-Mr. Gridley.

Camp Doctor's remarks. Assembly in Friendship Lodge-Jack Wallace, President of

Welcome-Dr. Vannevar Bush, Vice-President of the Institute and Dean of Engineering.

"High Spots of Technology"-Prof. Charles E. Locke, Alumni advances in science and engineering.

"Student Government at Technology"--Jack Wallace, '38. Announcement of All-Tech Smoker to be held Monday eve-

ning, by Institute Committee representative. Tech songs and cheers-Obie Denison, '11. Councillors' meeting at Friendship Lodge.

Saturday

Reveille; Setting up exercises-W. H. Phinizy and D. F. Mor-

Breakfast and announcements. Camp details.

Discussions-Bill Kitchen. 9:15 9:15 9:45 10:20 11:00 12:15 4:45 P. M. Presentation of activities-Jack Wallace, '38 Group activities meetings in tents.

Presentation of athletics—James Gilliss, '38. Group meetings for athletics.

Dinner and announcements.

Athletic Program: Baseball, crew, rifle, etc. Assembly in Council Ring: Dean Lobdell, President Compton. Athletic Program cont.; Faculty-Freshman softball game.

Exhibitions. Swim.

Supper and announcements. Assembly in Council Ring. Speakers.

Assembly in Friendship Lodge. The Homberg Infirmary-Dr. Chamberlain. Movies-"The Freshman Comes to Tech." "The Dinghie Relaxation"-Jack Wood. Counsellors meeting.

Taps.

Sunday

Reveille; Setting-up exercises; Dip. Breakfast and announcements.

Camp details. Track meet—Coach Oscar Hedlund in charge.

Discussions-Bill Kitchen.

Catholic mass at East Pepperill. Swim.

2:00 1:00 P. M. 2:30 4:45 5:30 5:15 Dinner and announcements. Baseball finals, crew, rifle, etc.

Vesper service-Dr. Boynton Merrill.

Swim.

Supper and announcements.

Open Forum in Council Ring. Jack Wallace presiding. Interfraternity Conference—Bill Gibson.

Explanation of Marking System-Dale Morgan.

5:15 Club-George Morel. Undergraduate Houses-Carl McEvoy.

Movies in Friendship Lodge.—Coach Oscar Hedlund.

Reveille.

Breakfast and announcements. Departure for Cambridge in time for registration.

Monday

Million Dollar Quarters Being Built As Home For School Of Architecture

In September of 1938 the Institute's: School of Architecture is scheduled to move into its new \$1,400,000 home on Massachusetts Avenue, as a part of the Institutes original plans for gradual expansion to keep pace with

The new building was designed by Welles Bosworth, a member of the class of 1889, who was the architect for the entire Technology group when it was built in 1916. Under Mr. Bosworth as supervising architect is Mr. Harry J. Carlson of the Boston architectural firm of Coolidge and Carl-

the sale of the Institute's Boylston of Metallurgy, two in the Geology de- cott, Dean of Science. moved to Cambridge in 1916.

The new home of the country's first tary Science. school of architecture, from where (Continued on Page 3) Architecture Bldg.

Fraternity Rushing Forbidden At Camp

Inter - Fraternity Conference Sanctions Law

ing to rules formulated by those in existence in the dangerous wilds of charge, and sanctioned by the Inter-Massapoag. For the next three days, Fraternity Conference. In order to Raymond C. Foster, '40, will attempt enforce this ruling, three men have to remain in Freshman camp withbeen assigned to guard the entrances out receiving a ducking in the icy of the camp and see that no unauthor- waters of Lake Massapoag at the

past few years, there can be no sem- year tradition of presidential immerblance of rushing from the time the sion. freshmen enter the busses to the "I have spent the entire Summer unless authorized to do so by the the water before me." men in charge. Similarly, no auto- "You see," he confided, "I spent a

Letters have been sent to the pres- good, too." them that the Inter-Fraternity Con- peared in a cloud of smoke. ference sanctions the law.

The Tech Staff Breakfast To Be Held 8 A. M. Monday

The Tech staff will hold a breakfast in the Grill Room of Walker Memorial on Monday morning at 8 a. m.

Six New Men Join Institute Faculty

Ex-Officio Fencing Coach And Army Engineer Included

Street property in Boston, part of partment, one in the School of Archi-

(Continued on Page 3) Promotions

Largest Number In History Off For 3 Day Stay

Tents, 17 Cabins Provided For 404 Men

And Prescott Are Guests

Coaches and Upperclassmen Will Explain Activities And Athletic Teams

For the twelfth consecutive year a new record number of freshmen will go to freshman Camp at Lake Massapoag this afternoon. The Technology Christian Association which has tising; Edwin K. Smith, Jr., '39, of been sponsoring this camp for twelve years has provided 26 tents and 17 cabins which will shelter a total of 404 men; 328 of whom are freshmen. 30 of whom are guests and 42 of whom are upperclassmen. Several dozen men had to be turned away for lack of accommodations: the third successive case of overcrowding.

> This is an increase of 24 in the number of freshmen over last year. Four blankets per man and all twenty-six tents were borrowed from the army in order to shelter the freshmen and the guests. Electric lights will be provided in all the tents and cabins this year, instead of only in the cabins as previously. One upperclassman will be in charge of each tent and cabin so as to help the new men in orienting themselves and understanding the organization of the Institute.

Among the prominent guests are Dr. Karl T. Compton, President of the Six new members will join the fac- Institute, Harold E. Lobdell, Dean of Construction of the new building at ulty of the Institute for the coming Students, Thomas P. Pitre, Assistant this time is made possible largely by school year, one in the Department Dean of Students, and Samuel C. Pres-

A vesper service will be conducted which has been occupied by the School tecture, one in the Department of Bus- by Dr. Boynton Merrill of the Second of Architecture since Technology mess and Engineering Administration, Church of Newton. Bill Kitchen, Secand one in the Department of Mili- retary of the Student Christian Movement of New England, will act in the

(Continued on Page 5) Freshman Camp

Raymond C. Foster

Polar Presidential Plunge Planned; Plebes Ponder Perfect Propulsion

Hair dyed a flaming red, face hidden behind a carefully trimmed Van Dyke, a very ingeniously disguised president of the Sophomore class this Fraternity rushing at Freshman morning left the peace and security Camp is strictly forbidden, accord- of Beacon Street to lead a hunted hands of the Class of '41 which is As has been the custom for the determined to maintain the eleven-

time they return to Technology on swimming in the Bering Strait," said Registration Day. All freshmen must Foster yesterday," and Lake Massago to camp and return from camp in poag holds no terrors for me. I hope the official busses. No one will be that goes for the dozen Frosh who allowed to enter the camp grounds will undoubtedly find themselves in

mobiles will be allowed on the camp good deal of time up there wrestling grounds without a special permit. with polar bears. They're pretty

The dunking tradition dates from

Sophomore Class President

1925 when a small army of stoutidents of the various fraternities ad- "But then," he smilingly mused, hearted first-year men or "drips" as vising them of the ruling notifying "they've got to find me," and disap- Foster flatteringly referred to them, (Continued on Page 5)

Ducking

The actor

September 24, 1937

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Managing Board

.Richard G. Vincens, Jr., '38 General Manager ... Robert E. Katz, '38 Dudley A. Levick, Jr., '38 Managing Editor ..Douglas G. Esperson, '38 Business Manager ...James C. Longwell, '38 Associate Business Manager

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PLEDGE IN HASTE

REPENT AT LEISURE

PRATERNITY rushing season is here again, and as usual a good number of the freshmen are bewildered by the violence and speed with which it takes place. In the atmosphere of high-pressure rushing, it is hard for the freshman to make a careful decision. Yet the choice of a place to live for four years and the selection of the men who will probably be one's most intimate friends is no light matter.

Remember that the only good reason a fraternity can have for wanting you to make an immediate decision is that it is afraid you may decide differently if you look around elsewhere. Don't be too quick to move into a fraternity house. First, ask yourself whether or not you want to join any fraternity. Talk to non-fraternity men and get their point of view. There is also the financial aspect to consider.

Then if you decide to join a fraternity, don't be too hasty about deciding which invitation to accept. Don't be too impressed by the national reputation of a fraternity—you are going to live with the local chapter. Be sure you get around to meet all the men at the house, particularly the lower classmen who will be here longer and with whom you will have to get along. Don't get rushed off your feet. Four years is a long time to pay for a hasty decision.

The advice given in the General Bulletin published by the Institute is excellent counsel to follow. It says:

"Upon your arrival at the Institute considerable pressure may be brought to bear upon you to pledge yourself immediately to some fraternity. You should realize that joining a fraternity is a serious step which should be taken only after you have made careful inspection and comparison of all the chapters from which you may have received invitations. This procedure is approved by the Interfraternity Conference and the chapters composing this Conference agree that a reasonable delay thus occasioned in making a decision shall not endanger your chances of ultimately joining the chapter of your choice. In your professional work you will find hasty decisions dangerous. Start training yourself now to avoid them.'

A NEW DORMITORY

IS BADLY NEEDED

YN THE past few years Technology's building needs, as outlined in President Compton's expansion plan, have become urgent. Without trying to minimize the need for other buildings, it seems that the need for a new dormitory is especially keen this year. There is now a waiting list of 180 men, with many more who want to live in the dormitories who

are not even on the list. This number is at least a hundred more than can be accommodated this year. A new dormitory would take care of this condition, and might be used to lessen the waiting list of the Graduate House as well, which is just as badly overtaxed.

There is no question that a new dormitory would be more than filled. It should be built as soon as possible.

FRESHMAN CAMP

MAKE THE MOST OF IT

O THE freshman leaving for camp today we have a few words of advice that might enable him to get more out of his stay. Remember always that the purpose of the camp is to help orient students who have never been here before. If you are somewhat backward about making friends, if your unfamiliar surroundings make you feel reticent, remember that the other fellow probably feels the same way. So put on a bold front yourself, and soon you will feel at home.

Remember also that the men you are with now will be your classmates for the next four years. Try to get friendly with as many as you can. You may not have them in class and if you don't meet them now you never will.

You will hear a great deal about activities at camp. The outstanding activity men of the Institute will tell you about the opportunities for extra-curricular work. Listen to them carefully, for a reasonable amount of outside activities are necessary to round out a complete program. If there are any activities you are particularly interested in, ask the upperclassmen about them. Don't be bashful, they are only too glad to oblige.

Alumni and professors will give you some of the background of Technology—a little of its history and its traditions. Listen carefully, for the knowledge you pick up will make your stay here more enjoyable.

This weekend at camp and next Monday at the All-Tech Smoker you will be introduced to Technology. Make the most of it, so that when classes start you will not be a stranger here.

Letter to the Editor

Now that the Institute has seen fit to warn the students about the Evils of Smoking and has chastised the boys about Kidnapping during the week of Field Day, I feel that it should also take a paternal interest in the Kidnapping which occurs during Rush Week. Some of the freshmen are still so unsuspecting that they arrive on the station platform with suitcases which actually contain valuables instead of worthless trash like bricks and last year's edition of "The Economic Process". Then when the suitcases are held for ransom the poor freshman is forced to advertise in the Want Ad section of the "Boston Daily Record" or the "Harvard Crimson", for what freshman is sophisticated enough to read Greek letters and what fraternity is highbrow enough to aspire to the "Transcript" or the "Herald"? What can a poor freshman do while his clean shirt or his best brown brief case are moulding in the room of some rushing chairman?

I might also say a word about the bidding of the fraternities. Although in most cases the national office of the Greek letter fraternities recommend that their chapters learn the names of men before they are pledged, the Tech chapters as a rule feel exempt. The general procedure, designed by some enterprising rushing chairman who was seeking a job with General Motors (advt.), is patterned after the famous Chevrolet plant in Detroit—a perfect example of line production. As a rule some smooth talker swings onto the train in the general vicinity of Providence or Springfield and introduces himself to all the young nen who wear coats and trousers of the same material. Coats and pants of different design usually point out Harvard men, although men wearing glasses

are considered questionable cases. By the time the train has reached the station the neophytes are so filled with the stories of the glory of Phi Omicron Omicron, usually referred to as Foo, that they are easy prey.

Bidding a man on the station platform is a common procedure. A respectable House can be detected by the fact that it permits its prospects to consider the bid during the entire ride from the station to the House. Any attempt at hurrying the decision the impression that the heterogenous or any attempts of "train-chasers", a form of rushing parasite, should be ers' Soap, Swift's Premium Just Dead treated with utmost suspicion.

The end of the line production is reached when the new pledge brother rived freshman is too much for us, is deposited in the fraternity House, like this sentence is too much for you congratulated by the brothers, and stored in the cellar until needed to answer the phone calls, the door bells, and otherwise stooge for his upperclassman brothers. As a purely psychological factor, many of the Houses have their active members put on pledge pins during the hectic weeks before Registration Day in order to act as a sort of silent catalyst.- Then the Rushing Chairman can say, Everyone else is doing it, why shouldn't you?'

Therefore, Mr. Editor, could you please devote a few columns of your rreat publication to the exposure of the evils of this Machiavellian practice. It is not that I mind having lost plastered, and those who have broadmy first four sons to the Grand and Universal Brotherhood of Phi Omieron Omicron, but I do wish that my fifth son, my baby, should at least be warned in advance.

Hopefully yours, Indignant Mother of Five.

Railway Express Hits New High In Business

With the majority of the student's aggage already delivered to its desination, the Railway Express Company settles back after one of its semi-annual peaks of activity. After distributing thousands of trunks, bags, and boxes to their collegiate addresses, the company reverts to the more routine business of handling aundry and boxes for both the students and their parents. Only through an enormous national organization can the company handle this job in one motion, thus saving the expense and trouble of moving in separ-



Practically Unborn Babes

In the Book of the Cross-eyed Turtle it is written "A freshman is that, which when it is not, there is too much of." For a considerable part of our past we have also been under conglomeration of mixed Lever Broth-Ham, Chocolate Dipped Gals and the infinitesimal remnant to which they cling, being under all the newly aruntil you hear Tubby Rogers.

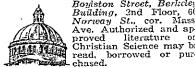
But even if freshmen are a negligible quantity as long as they $ext{kep}$ their mouths shet, their three centses speak louder than a bill from the bursar, and we have been sort of hoping that the black smear which heads this column would attract enough attention and comment to bring to the mind of the managing editor that there is a newness lacking About It

There is a real handicap to the procuring of a new cut, however. All the fellows we know who are good enough artists can't do anything but females draped, semi-draped, and ened their field to include Men at Work have their Yearly Output censored. So we are up a tree, or maybe it is the Institute Flagpole.

Anyhow if someone will contribute a reasonably good sketch which is at the same time flattering, in reasonably good taste and doesn't cost anvthing we'll see that his social aberrations are purloined from the files where Lobby Takes Care of Naughty

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts.
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Sunday Services 10.45 a. ro. and 7.30
p. m.; Sunday School 10:45 a. m.;
Wednesday evening meetings at 7.30,
which include testimonies of Christian ng.— Free to the Public, when St., opp. Milk St., of the 24 Province St., 420 Boylston Street, Berkeley Building, 2nd Floor, 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purcience healing.





WHO'S WHO AT FRESHMAN CAMP

Faculty Members Karl T. Compton, President of the Vannevar Bush, Vice President of

the Institute Harold E. Lobdell, Dean of Stu-

Thomas P. Pitre, Assistant Dean of Students. Delbert L. Rhind, Bursar

Samuel C. Prescott, Dean of Sci-Ralph T. Jope, Business Manager

of Technology Review Charles E. Locke, Professor of Mining and Metallurgy Coaches

Oscar F. Hedlund, Track Coach C. Valentine, Crew Coach Henry P. McCarthy, Director of Physical Training John Roth, Fencing Coach Herbert Forsell, Gym Coach George Owen, Hockey Coach Walter Tucker, Lacrosse Coach Malcolm Goldie, Soccer Coach J. Jarosh, Swimming Coach John L. Summers, Tennis and Squash Coach

Sgt. Harold F. McDonnell, Rifle Team Coach Jay Ricks, Wrestling Coach Pat Manning, Crew Coach

Thomas R. Rawson, Boxing Coach Upperclassmen William G. Gibson, Institute Com-

mittee Representative on the Interfraternity Council Henry C. Meadow, President of

Tech Open Forum Robert S. Gordon, Vice President of 5:15 Club.

Raymond C. Foster, President of Sophomore Class William F. Wingard, President of Junior Class

John J. Wallace, President of Senior Class James M. Gilliss, President of M.

I. T. A. A. G. Edwin Hadley, General Manager

of Voo Doo Jay P. Au Werter, General Manager of Technique

Harry O. Saunders, General Manager of Tech Engineering News Richard G. Vincens, General Man-

John I. Argersinger, President of

Attend N.Y. Forum

Smith, Wallace Represent School

Conference Has Sessions

On Youth Problems

Technology will be represented at

the New York Herald Tribune's Sev-

enth Annual Forum on Current Prob-

ms by John J. Wallace, '38, presi-

dent of the Senior Class, and Pro-

fessor Theodore Smith of the English

Department. More than 150 other

American schools will also send dele-

gates to the conference, which will

be held in New York October 4 and

The central theme of this year's

forum will be "The Second Discovery

of America," and two sessions con-

cerned with "A Generation Finding

Itself" and "Youth's Explorations"

will be devoted to problems of partic-

Mrs. Roosevelt to Speak

open the forum, which will present

authorities of national and interna-

tional importance to audiences of

3,000 to 3,500 persons, representatives

of the country's organized women and

Keynoter of the first session on

youth will be Stringfellow Barr, pres-

ident of St. John's College, Annapo-

lis, Md. He will be followed by James

J. McEntee, assistant director of the

C. C. who will speak on "Youth

Conservation." William Loren Batt,

president of SKF Industries, will dis-

cuss "Factors of Success and Failure."

How youth is finding itself in busi-

ness will be the subject of talks by

Mary Lewis, vice-president of Best

& Co., and Bernice Fitz-Gibbon, of

ular interest to students.

Technology Men

ager of The Tech

David A. Bartlett, Crew Manager Gordon L. Foote, Rifle Team Repre-

John I. Herlihy, Track Manager Roscoe B. Graham, Squash Man-

William H. Phinizy, Co-captain of Gym

Dale F. Morgan, Co-captain of Gym and representative of the Faculty Faculty-Student Committee

Paul H. Schneider, Co-captain of Basketball Michael V. Herasimchuk, Co-cap-

tain of Basketball John D. Alexander, Captain of Lacrosse

Frank Kearney, Walker Memorial Committee

John Burke, Freshman Committee Robert B. Wooster, Crew Member Elmar V. Piel, Crew Member James L. Baird, Crew Member Seymour Stearns, Captain of Ten-

nis and Squash Andrew A. Fogliano, Winner of P. T. Competition

Paul B. Black, Catholic Club Representative. Charles Hobson, Golf Manager

Mathew L. Rockwell, Captain of Scabbard and Blade John C. Vyerberg, Coxswain of

crew Robert G. Fife, Soccer Manager Richard Muther, Captain of Hockey

Ciro R. Scalingi, Captain of Cross Country Team Archibald M. Main, Captain of

Swimming Team Cornelius K. Coombs, Captain of

Paul R. Des Jardins, Captain of

Durbin A. Woolford, Manager of Basketball Carle McEvoy, Chairman of Dorm

Committee John R. Cook, Chairman of Fresh-

man Rules Committee Association

Combined Professional Societies Willard Roper, Budget Committee Stuart Paige, Field Day Manager

view on how to make a success of marriage will be given by Mr. and Mrs. Ned Bayne, both of whom have obs. Youthful speakers who have found themselves "against odds" will Julian Hunt, architect-builder.

subject will be "Adventuring in Sci- nearly 1500 feet between Charles well as the Army Engineer School Dean of Science, it was an interna-

The evening session on "Youth's Explorations" will mark the breaking of a long-standing radio ban on the discussion of social diseases. Speeches ation laboratories of the Department tional network of NBC.

Other speakers at this session will be Bruce Barton, Mrs. Vincent Astor; J. Edgar Hoover, director of the Federal Bureau of Investigation; Senator Claude Pepper of Florida; and Mrs. Franklin D. Roosevelt will Thomas E. Dewey, special prosecutor for New York County.

Discuss Press Freedom

University School of Journalism; Dr. the Technology Review. John H. Finley, editor of the New In the north wing of the building York Times; Alexander A. Troyan-on the third floor will be the architecovsky, Soviet Ambassador to the tural design rooms for first, second United States; Dr. Friedrich E. Auha- and third year students, while the gen, lecturer on German-American re-|south wing, with the exception of a lations; Graham Hutton, assistant edi-class room, will be given over to a tor of the London Economist; Carl museum hall. In the east wing will Ackerman, dean of the Columbia Uni-be an administrative office and sevversity Graduate School of Journal-eral laboratories for special research ism; and Dorothy Thompson, noted in electrical engineering. woman journalist and commentator.

make the closing speech of the forum, and a room for senior and graduate John Wanamaker. A typical couple's as he has done in previous years.

Freshman Ties To Be Sold In Lobby Registration Day

Freshman ties will be on sale Registration Day all day in the lobby under the auspices of the Quadrangle Club and the Freshman Rules Committee.

Beginning Tuesday, September 28, all freshmen will be required to wear the traditional silver gray and cardinal red striped tie whenever on Institute grounds. If the class of 1941 wins Field Day the ties may be discarded at the Christmas vacation, otherwise they must be worn until the midyear vacation.

If freshmen wish to purchase ties after Registration Day, they will be on sale at the Coop.

${\sf Architecture\ Bldg}.$

(Continued from Page 1)

many of America's most distinguished architects have been graduated, will be situated on Massachusetts Avenue, joining the north end of the Pratt School of Naval Architecture and Marine Engineering, and extending northward for 320 feet toward the Guggenheim Aeronautical Laboratory. A central wing of this T-shaped buil ing will extend back to the existing building, providing a much needed

convenient entrance to the whole edu-

cational group. The architecture, in general, will carry on the pilaster treatment of the rest of the Institute's buildings, and flight of limestone steps leading to an appropriate colonnade surmounted by a low dome subordinate to the Institute's great central dome. new entrance will be dignified by four great columns five feet in diameter set within pilasters, and rising John C. Proctor, M. I. T. Nautical through three full stories of the building. Behind these will be four more Fred R. Forman, President of the columns at the threshold of a spacious vestibule. The portico will have suf-Peter M. Bernays, Debating Society | ficient depth to provide both effective shelter from the elements and the desirable richness of shadow in the fa- | fessorships in the languages and litcade. Three story ornamental grilles over the doorways will contribute to

New Dome on Mass Ave.

the dignity of the effect.

The School of Architecture will add new interest to the skyline of Massabe Mack Williams, former mayor of chusetts Avenue, for the dome of the ded to the faculty of the Department the Boys' Brotherhood Republic; building will be seen at the end of a Starr West, actor and farmer, and mile-long vista from Central Square, Cambridge, in one direction, and from Frederic and Irene Joliet-Curie, son- the Boston end of the Harvard Bridge in-law and daughter of Madame Curie from the South. Except for a gap of ulty, division engineer of the Pacific and Nobel prize winners in chemistry. 140 feet between the new unit and the Coast Division of the Engineer Corps. will address the forum in a trans- Guggenheim Acronautical Laboratory, He is a graduate of M. I. T. and the River Road and Vassar Street, will be complete.

The basement of the new building will be occupied by heat and refrigeron that subject by Dr. Thomas Parran, of Mechanical Engineering, various surgeon-general of the United States class rooms, a shop for the Institute's Public Health Service, and Dr. George science museum, and the mechanical Gallup, director of the American In- and electrical equipment of the strucstitute of Public Opinion, will be ture. On the first floor will be the broadcast from the forum over a na- office of the dean of architecture, faculty and department administrative offices, an exhibition hall, class and drafting rooms, offices of the registrar's staff and the Invell Institute School, and an information office.

Library on Second Floor

Nearly half of the second floor will be given over to a library, which will house one of the most valuable collection of books on architecture in the James G. Stahlman, president of country. On this floor there will also the American Newspaper Publisher's be the office and drafting room of the Association, will open the program de-course in building construction, the voted to freedom of the press. Among quarters of the staff of the division of the speakers will be Harold Cross, city planning, facultty offices, and the professor of libel law at the Columbia editorial and business headquarters of

The fourth floor in the north wing President Roosevelt is expected to will contain a large exhibition hall architectural design. In the east wing Pres. Compton



Institute head at last year's camp

Promotions

(Continued from Page 1)

Mill Company. He is an authority on steel making, and holds degrees from the University of the South, Iowa State University and the University of Southern California.

The two new members of the Geology Department are Harold W. Fair-Hans Bebie, Manager of Wrestling will be of limestone with a broad bairn, Assistant Professor of Petrography; and Dr. Robert R. Schrock, Assistant Professor of Geology. Dr. Fairbairn holds degrees from Har-the medical and industrial applicavard University and Queens University, Canada. Dr Schrock is a graduate of the University of Indiana.

Dr. Giovanni Macerata, of Venice, Italy, has been appointed a lecturer on Art in the School of Architecture. Dr. Macerata is a well-known swordsman and will coach the Institute fencing team this year. He has held Prolege in Italy.

who received his degree in the Business School at Harvard, has been adof Business and Engineering Admin-

Major Elroy S. J. Irvine was, until his appointment to the Institute facand the Army Industrial College.

storage rooms.

Conferences Discuss Foods, Spectroscopy, Fatiguing of Metals

Meetings Attract Scientists From Europe, Canada To Institute

Three conferences, one on spectroscopy, another on creep and fatigue of metals, and a third on food technology attracted hundreds of scientists, many of them leading experts in their fields, to Technology during the summer. At these the latest achievements in the field of science were discussed not only by members of the Institute staff but also by numerous great authorities from all over the world.

The first conference, held in June, was one on the effect of high temperatures and great strains upon metals. Presided over by Professor John M. Lessells of the Department of Mechanical Engineering, the meeting brought out the fact that metals worked at too high a rate and subjected to a high stress react somewhat like human beings. They fatigue Dr. John Chipmen, Professor of in a very similar manner and sud-Metallurgy, comes from an associate denly fail without warning. This fadirectorship at the American Rolling tigue was found to be proportional to the time and the temperature, a discovery of enormous importance in the design of all moving parts such as axles, rotors, and turbines.

Prof. Harrison, Chairman

At the second meeting, held in July, Professor George R. Harrison, head of Technology's program in Applied Physics, presided over the Fifth International Spectroscopy Conference. At this conference, there was discussed before a group of two hundred tions of the spectroscope, one of science's most powerful research tools. Opening a new avenue of approach to investigations of many diseases, this instrument permitted extensive studies of the blood and shed new light on many puzzling problems. Its use in enabling scientists to detect minute traces of metallic poisons before they reach the dangerous stage is lvery important. In other fields it has the faculty of Alexander Rossi Col-been equally useful. The spectroscope has enabled astronomers to determine the composition of the distant stars; Professor Ross M. Cunningham, it has permitted metallurgists to ferret out minute traces of impurities in metals; and it has facilitated complex analyses of almost every type. At the conference the use of the spectroscope in all those divergent fields was considered.

Food Technology Discussed

The conference on Food and Technology was held early this Septemoceanic broadcast from France. Their the Institute's western facade of United States Military Academy, as ber. Led by Dr. Samuel C. Prescott, tional meeting at which members of many large American food industries conferred with English, French, Gerof the building students will have a man, and Canadian scientists. In these spacious and comfortable commons discussions emphasis was placed upon room, opposite which there will be the linkage of the basic sciences biolan advanced city planning design ogy, physics, and chemistry with the room. The south wing will contain production, processing and transportaanother city planning drafting room, tion of foods. Advances in air conas well as a free hand drawing room ditioning of manufacturing plants, and a modeling studio. In addition dairy technology, and effects of low there will be space for a shop and temperature on foodstuffs were given attention.

FRESHMEN

Dine with the Upperclassmen in your own DINING HALL

Technology Dining Halls WALKER MEMORIAL

Valentine Announced as Crew Coach

Cedric Valentine Succeeds Haines In Coaching Crew

Manning Continues In Former Capacity As Coach Of Frosh Eight

Valentine Former Tech Graduate

Cedric Valentine, '26, Technology alumnus and head of the Cambridge Boat Works, has been appointed by the Alumni Advisory Council on Athletics to succeed William Haines as head coach of Tech crews for the coming year, according to an announcement made by Ralph T. Jope, Secretary of the Council. Patrick Manning will continue in his capacity as freshman coach.

Valentine has been identified with Tech rowing for a number of years, both as an undergraduate and as a coach. In 1924, he stroked the Technology varsity crew which won Tech's Arst intercollegiate victory. The following year Valentine rowed number two, and in 1926 he stroked the undefeated 150 pound varsity

In 1927 and 1928, Valentine coached Technology's light varsity squad, resigning when business necessitated his does he have Lippit, Katz, co-captains or outside college or prep schools." leaving Boston. Upon his return, Val- Kangas and Schneider, all seniors, and entine resumed coaching the light Herasimchuk, a junior, returning; he squad, and last spring his crew won the Joseph Wright Trophy in the 150 men from last year's frosh team. pound Intercollegiate Regatta at Princeton on May 15, defeating Harvard, Yale, Cornell, Pennsylvania, Columbia, and Princeton.

As an undergraduate at Technology, Valentine studied mechanical engineering. In addition to his crew activities, he was a member of the Chi Phi fraternity, Beaver Club, Theta Tau Engineering Fraternity, and the Varsity Club which is made up of men who have earned the straight "T"the highest athletic award at Tech.

Camp Frosh Will Sail Institute Dinghies

Nautical Association Announces **Shore Classes Tuesday**

Freshmen will have an opportunity to sail in the Institute dinghies at this weekend for at least one of the boats will be taken along. Sailing master Jack Woods hopes to take two dinghies and several experienced men will be on hand to handle them.

During the past week a class of one hundred and thirty six beginners attended the last summer shore school conducted by Sailing Master Jack Woods. Thirty six of the entering men have been given advanced standing because of previous experience in handling boats. By yesterday 314 students and 64 staff members had joined the club. Since the commencement of the last shore school, 100 new members were enrolled.

Shore school for beginners will start next Tuesday afternoon. Duplicate classes will be held from 4 to 5 and from 5 to 6. The course covering all the requirements for crew will probably take two weeks. In addition, shore school for helmsmen wishing to become racing skippers will be started in two or three weeks. . . .

Goldie Returns As The Coach Of Soccer Team

Coach Malcolm Goldie will return to coach Tech's soccer team for its first practice to be held on the opening day of school. The contest with Amherst ten days later will mark the commencement of the season. This game and another with West Point are the only two out of a schedule of seven games, to be played on the home field. Captain of this year's team will be James M. Gilliss, '38, who also holds the presidency of the M. I. T. A. A.

New Crew Coach



Cedric Valentine, recently -appointed head coach of Tech crews

McCarthy Sees Bright Future For Basketeers

With five lettermen back, coach Mc-Carthy of the basketball team is looking forward to a successful season lat the same time creates regular comwill be supplemented by seven good Practice will start soon after the opening of school.

Coach Hedlund Sends Rallying Call to Frosh

Plenty Competition Present In All Branches Of Track

today issued his rallying call to the incoming freshmen with special reference to the annual Field Day relay race between the freshmen and Soph-

Varsity and freshman cross counry starts Monday, although there were already many boys this week out chasing their shadows around the track oval to the cheery accompaniment of "Oscar's" remarks.

Coach Hedlund said: "Each year the incoming freshman class is in a quandry as to the sport that they should take for their recreation. Track and Cross Country have been the major sports in the Institute for many years due to the fact that they require very little time and each man works as an individual, not waiting for a team or a crowd to work together. We have schedules all made out for this year so that the freshmen have plenty of competition both in Track and Cross Country; also handicap meets and our big Interclass meet in November. There is some form of competition each week during the school year which gives each boy an opportunity to try his luck and for the Beaver basketeers. Not only petition either with the boys at school

"The big event of the fall is the freshman Sophomore Relay Race which is held in October and which has created a great amount of interest each year. This competition involves twenty-four boys and gives everyone a chance to try out and pos-

interesting race. It also has been a spectacular one and the interest seems to be getting keener and keener each year between these two classes. This form of competition also gives Oscar Hedlund, Institute track coach Coaches Hedlund and Bowie an opportunity to see what the freshman class has to offer for the winter and spring meets. During this time of the year the freshmen are given special attention as they are not overlooked due to the fact that they will be possible material for the Varsity team next year. Consequently there is a great deal of time spent on the incoming class."

"To the boys who are novices and work previous to coming to the Institute; they should not take this into consideration, but report and try to see if there is some hidden talent in at 3:00 p.m. their makeup. The biggest majority of boys reporting each year have had gives him an excellent opportunity to no experience, but before getting work out of doors the year round, through school they become cham- Coach Hedlund hopes all freshmen pions in their event."

take physical training for the first ing track in place of same and this questions they want."

sibly find a position for them in this Six Members Of Crew Returning This Year

Coach Cedric J. Valentine will be well supported in his first crew at Technology by the six members of last year's eight returning. The men are D. Donald Weir, '38; Jack F. Chapin, '38; Francis W. Hagerty, '38; C. Kingsland Coombs, '38; Albert O. Wilson, '38; and Rolland S. French. '38—coxswain.

Lost by graduation are last year's captain, Wayne M. Pierce, Jr., and John F. Glacken.

Assistant Coach Pat Manning's Junior Varsity will be strengthened by who never have done any athletic the return of five members of last season's eight.

A mass meeting will be held at the Boathouse on Monday, September 27,

who are interested in track and would "Freshmen are later required to like to find out what we do will report to the Track House on Monday year, but have the privileges of select- or Tuesday afternoon and ask all the

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Information at Box Office, Symphony Hall

A representative will be at T. C. A. Office, Tuesday and Wednesday, Sept. 27-28, 11:30-1:30

DID

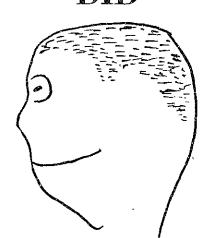


Exhibit A

CASE HISTORIES

Exhibit A: Graduated from the Institute with honors last June. Member of THE TECH staff. Now has a big job paying bigger money with a still bigger concern.

Exhibit B: Sad tale. Also graduated with honors from the Institute last June but did not come out for THE TECH. Now haunts the streets hunting a job.

FRESHMEN

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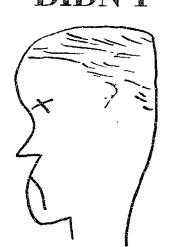


Exhibit B

Est. 1881

Technology Debaters To Hold Early Rally

Attempting to equal the performance of its senior debating team which last year won the Eastern Intercollegiate Debating League championship, the Institute Debating team plans to get off to a fast start with a smoker scheduled to take place in Walker Memorial.

This rally, at which plans for debating activities for the new year will be discussed, will open to all students interested. Speakers will include Theodore Smith, Professor in the Department of English and History. Following the business session, refreshments will be served.

Peter Bernays, '39, Debate Manager for 1937-38 will attend freshman camp to inform those new students inerested in debating of the opportunities for this activity at Technology.

Keep

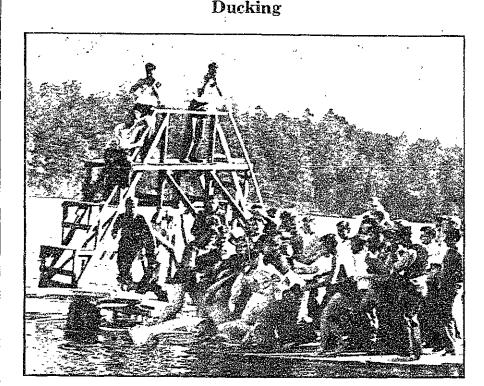
Up-To-Date

The Only Way

What's Going On

To Know

İs



Will Soph president get this?

400 Registrations on Last Day Raises Total to 2763

2763 registrations were received at the cashier's office at closing time last night. Approximately 400 of these were received yesterday. This is nearly the entire enrollment of the school.

Freshman Camp

(Continued from Page 1)

capacity of "Sky Pilot", the leader of group discussions.

In addition to the speeches by the captains of the various athletic teams, two shells and two dinghies will be taken up to camp to illustrate the athletic activities of the Institute. Scabbard and Blade, the honorary military fraternity will be represented for the first time. Also, for the first time, the president of the sophomore class, Raymond Foster, will not be a camp councillor. Thus the freshmen will have a more difficult job in catching him for his annual immersion.

Infirmary List

C. Hawley Cartwright; Sheng H. Fang, G.; Yao Tzu Li, G.; William H. Ratliff, Jr., G.

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Sophomore Coed Hurt In Automobile Crash

Miss Katerina Zarudnaya, '40, coed student of biology and public health, was severely injured in an automobile accident this summer. Because of the seriousness of the injuries,—a fractured skull and a broken ankle,-Miss Zarudnaya will not return to school for a year.

Ducking

(Continued from Page 1)

This year Foster, whose dignified features may be seen in the accompanying photograph will be at the camp during the entire three days. Since the picture was taken, Foster has put on weight and has had his face lifted. Freshmen have always found it difficult to find and identify the soph president. Considerable trickery has thwarted their attempts; three years ago the vice-president in a true spirit of martyrdom, masqueraded as the chief executive of his class. He received a ducking, but the president eventually followed him.

As a word of friendly encourage-

Staff Members Desiring The Tech Should Notify Office

Members of the Institute Staff who wish to have the Tech delivered during the current year should drop a card to The Tech Business Office, Room 301, Walker Memorial.

ment, Foster telegraphed THE TECH just before the deadline

I'LL BE PULLING MY PUNCHES STOP CAN'T SPEND ANOTHER YEAR INCARCERATED FOR MAYambushed the soph leader. A prompt HEM STOP THE FELLOWS WHO bath in the invigorating local waters TRIED TO DUCK SEYKOTA PRESwas given to that martyr of a decade IDENT OF LAST YEARS SOPHS ARE SLOWLY RECOVERING.

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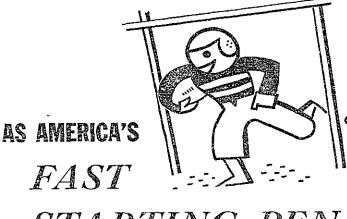
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Charge Accounts for members only.

Join before making a purchase, for dividends cannot be credited on purchases made previous to taking out a membership.

The TECH-COOP is the official distributor of all your supplies. The material required for all freshmen has been passed upon by the

Faculty and approved by them.
Every TECH Man should become a member without delay. The Membership fee is

Dividend at the rate of 10% on cash pur-

chases and 8% on charge purchases. Year ending June 30, 1938. All memberships start July 1 and expire

A Membership at the Technology Store Also Makes You a Member at the Harvard Sq. Store

TECHNOLOGY STORE

HARVARD COOPERATIVE SOCIETY

CALENDAR

Friday, Sept. 24

2:30 P. M.—Freshman Camp begins (See camp schedule on page 1). 4 P. M.—Freshman Coed Tea-Margaret Cheney Room.

Monday, Sept. 27

8 A. M.-The Tech Breakfast.

9 A. M.-3:30 P. M.-Registration.

3 P. M.—Rally at Boathouse.

4 P. M .- Tea for Women Students-Margaret Cheney Room.

6:30 P. M.-10:00 P. M.-All Tech smoker-Main Hall, Walker Memorial.

Tech To Stop Making Own Electric Power

Cambridge Electric Company Will Relieve Burden-

Late this year the Institute will bethe Cambridge Electric Light Company and thereafter Technology's power plant will be used exclusively for heating purposes. This change in power supply is due to the fact that the present power plant cannot meet further demands for power which have steadily increased durdeveloped by Dr. Francis Bitter for capturing wandering minds. metallurgical and low temperature research will greatly increase the demands for power in the immediate future.

A study of these power needs inditute's power plant.

Frosh Smoker

(Continued from Page 1)

be brought before the assembled freshmen, to say nothing of one of Walker's excellent dinners. Addresses will be given by Professors A. A. Schaefer, Frederick G. Fassett, who gin buying all its electric power from will review the accomplishments of the various publications, Leicester F. Hamilton, who will discuss the musical clubs, and Dr. J. A. Rockwell, who will describe the accomplishments of Technology athletes.

The ever-popular Obie Denison will be the mainstay of the light entertainment. The new Tech men will listen to renditions of "Women, women. WOMEN" and other old favoring the past few years. In addition ites by Obie, and then join him in to the present power load, the new singing the Technology songs. Wrestwind tunnel and the powerful magnet lers and fencers will also aid in re-

Admission will be only by free ticket which may be obtained in the Main Lobby on Registration Day.

Entering students, including transsharing its glorious traditions.

"Obie" Denison



Entertainer at freshman camp and All-Technology Smoker

Case School Sophs

Frosh president must beware of the Sophomores at Case School of Applied headquarters. fer students as well as freshmen, will Science in Cleveland. At that school assemble for the first time in one the president of the Class of '41 has for hitching horses, although it is cated that the most economical plan body, and to add to acquaintances a price on his head-\$10,000 worth of rarely that a horse would have a would be to use the present power made at freshman camp. When the insurance with Lloyd's of London chance to get near them with autoplant for heating purposes and buy smoker ends at 10 o'clock with the That sum of money will be paid by mobiles parked along the curbing electric power from outside sources, singing of the stein song, the Class | Lloyd's if the Sophomores succeed in most of the time. thus avoiding a heavy capital expendi- of 1941 will leave the hall with a feel- kidnapping the Frosh president beture for enlargement of the Insti-ing of being part of Technology and fore the annual freshman-sophomore bag-rush.

Hitching rings fastened into the curbings are still in evidence on Green Seek Frosh President Street in Cambridge, beside the Municipal Building, housing the police

There are five such rings available

The rings have been there for many years and long before the present building was constructed.

Gridiron

(Continued from Page 1) Newton Le Roy Hammond, Jr., '38 of Technique, who will describe the business department of a publication; and James B. Hess, '38, of the Tech Engineering News, who will discuss makeup of printed matter.

The banquet is the outcome of an attempt by Gridiron to give freshmen undecided between the various publications at Technology an opportunity to hear and talk with representatives of all four, and further gain a practical idea of the scope of their various activities. As in previous years, the banquet will be followed later in the week by smokers given by the individual publications.

Admission to the affair will be by invitation only. The invitations will be mailed to all freshmen who are known to be interested in writing for publication, and those overlooked may obtain invitations from William F. Pulver, '39, Secretary of Gridiron.

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